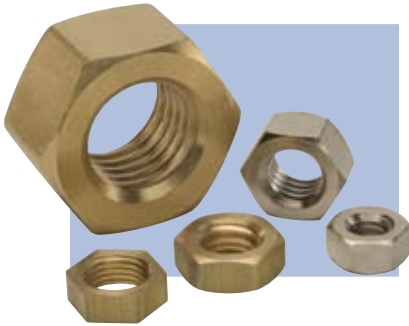




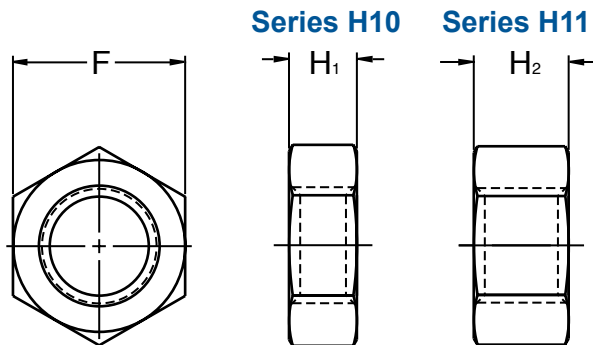
SERIES H10 FINISHED HEX NUTS SERIES H11 HEAVY HEX NUTS



Hex nuts are the most versatile and widely used nut design. Finished hex nuts are generally used with bolts to lock jam nuts against finished surfaces.

Heavy hex nuts are thicker across the flats than comparable finished hex nuts. They are the strongest hex nuts because of their greater length of thread engagement, and they are resistant to stretching and widening. Our standard finished and heavy hex nuts are double chamfered but can be made with a single chamfer and a washer face.

A finished hex nut is often used in conjunction with a jam nut. For high stress applications, the finished nut “jams” a jam nut against the application bearing surface. This compressive force exerted by the finished nut helps lock the fasteners in place and insures against “back out.”



HEX NUTS, H10 AND H11

Nominal or Basic Major Diameter of Thread and Threads Per Inch	H10 Finished Hex		H11 Heavy Hex	
	F	H ₁	F	H ₂
	Wrench Size	Thickness	Wrench Size	Thickness
1/4 – 20	7/16	7/32	1/2	15/64
5/16 – 18	1/2	17/64	9/16	19/64
3/8 – 16	9/16	21/64	11/16	23/64
7/16 – 14	11/16	3/8	3/4	27/64
1/2 – 13	3/4	7/16	7/8	31/64
9/16 – 12	7/8	31/64	15/16	35/64
5/8 – 11	15/16	35/64	1-1/16	39/64
3/4 – 10	1-1/8	41/64	1-1/4	47/64
7/8 – 9	1-5/16	3/4	1-7/16	55/64
1 – 8	1-1/2	55/64	1-5/8	63/64
1-1/8 – 7	1-11/16	31/32	1-13/16	1-7/64
1-1/4 – 7	1-7/8	1-1/16	2	1-7/32

MATERIALS: Brass, 303 Stainless Steel, and Aluminum.

FINISHES: Plain, Bright Nickel, Passivated, and Zinc with Chromate. Other finishes available upon request.

TO ORDER: Provide Series, thread size - pitch, material and finish.

EXAMPLE: H10, 3/4 – 10, Brass, Nickel

SPIROL®

Innovative fastening solutions.
Lower assembly costs.



Challenge Us!

SPIROL Application Engineers will review your application needs and work with your design team to recommend the best solution. One way to start the process is to visit our **Optimal Application Engineering** portal at www.SPIROL.com.

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